

Declaration and Power of Attorney

We, DAVID C. WARD, PENNINA R. LANGER, AND ALEXANDER A. WALDROP, III,
declare that we are respectively citizens of Canada, the United States and the United States,
residing at 40 Peddlers Road, Guilford, Connecticut 06437,
57 College Road, Monsey, New York 10952,
and 2663 D Hydraulic Road, Charlottesville, Virginia 22901, respectively;

that we have read the specification entitled: **MODIFIED NUCLEOTIDES AND METHODS**

OF PREPARING AND USING SAME

and the claims thereof; that we understand the content of the foregoing specification, and we verily believe we are the original, first, and joint inventors of the invention described and claimed therein; that we do not know and do not believe that this invention was ever known or used in the United States before our invention thereof, or patented or described in any printed publication in any country before our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States more than one year prior to this application; that this invention has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by us or our legal representatives or assigns more than twelve months before this application; and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States by us or our representatives or assigns, except as follows:

NONE

We further declare that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application.

And we hereby appoint: individually and collectively, THOMAS F. MORAN (Reg. No. 16579), LESTER W. CLARK (Reg. No. 14954), CHRISTOPHER C. DUNHAM (Reg. No. 22031), IVAN S. KAVRUKOV (Reg. No. 25161), JOHN P. WHITE (Reg. No. 28678), and CHARLES GUTTMAN (Reg. No. 29161), and each of them, all c/o COOPER, DUNHAM, CLARK, GRIFFIN AND MORAN of 30 Rockefeller Plaza, New York, New York 10112, (Tel. 212-977-9550), our attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Lastly we declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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(Signature)

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April 15th 1981

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